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EXRAND-M-35
31 August 1970

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**COMIREX SUBCOMMITTEE
For
EXPLOITATION RESEARCH AND DEVELOPMENT**

**Minutes of Meeting Held in IAS Conference Room
0900-1210, Wednesday, 19 August 1970**

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1. Special Briefing.

The NPIC representative introduced the subject of Dry Silver Processing, an R&D project by NPIC with [redacted] presented a briefing on the subject. An outline of the briefing is attached. EXRAND members were impressed with the state of the art of the materials and the potential revolutionary impact of the product.

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2. Approval of Minutes.

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The minutes of the previous meeting were approved after several additions were made:

a. Change sentence in paragraph 3f to read: [redacted] requested that members provide him with Fiscal Year 1971 light table requirements for the [redacted] light table."

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b. Add to paragraph 3h: "The Procurement Coordinating Team will plan for and monitor the distribution of the excess 940 light tables when they become available in 1971-72."

3. Announcements.

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a. [redacted] introduced the secretary for EXRAND, [redacted] of NPIC.

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b. Two T&E reports by the Engineering Support Division of NPIC were made available to members: (1) 1540 Light Table by [redacted] and (2) Advanced Stereo Rhomboids Mod II [redacted]

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c. The NPIC representative was asked if purchases of the Mod II Rhomboid would be made. He stated that so far only the [redacted] Mod 28 Rhomboids were ordered and that modifications were being made to the Zoom 240 pods.

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d. [redacted] commented that color film 242 would be shipped out this week for experiment on the [redacted] operations using the long F/L camera. Evaluations will start on the material hopefully sometime in September 1970.

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e. [redacted] announced a new off-the-shelf item just developed by [redacted] a photo-transfer scope. Any performance recommendations or interests should be referred to [redacted] Several brochures on the project were handed out.

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f. [] announced the recent experiments by [] on the viscous-modified Fultrons. The project appears to be successful; [] will soon release the information on this modification.

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h. Twelve copies of the Viscous Developer Field Processor were received at EXRAND and will be distributed; four to the Technical Task Team and eight to EXRAND members.

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i. [] announced that NASA, in its recovery system, will fly a 24" camera at the next moon flight -- this is an optical bar camera manufactured by []. The Gamma Rectifier at TOPOCOM will be used in exploitation; hopefully, declassification of the Gamma Rectifier will be made in time for the mission.

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j. [] announced that a new micro-wave film dryer system has been developed by a company [] with which Navy now has a contract. Navy has sent a Versamat to the company for modification and use for the project. Results will be reported.

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3. Old Business.

a. [] reported that he had a very fruitful meeting with the members of the Technical Task Team in August. The Team members reviewed the current R&D status and the EXRAND R&D publication. The Team returned

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to their home stations with basic information and will provide their collective input on the status of community R&D to [REDACTED] by 4 September. The Technical Task Team (TTT) will then meet on 29 September to review the combined community R&D updated lists. [REDACTED] reported that the scope and representation of the TTT has greatly increased -- for example, representation from Wright-Patterson AFB and [REDACTED] Westover AFB contributed to the meeting. The next publication of the status of the Community imagery exploitation R&D will provide a very important contribution to the Community. [REDACTED] expressed hope that Recon Central would also make use of the forthcoming publication.

b. [REDACTED] stated he had most of the 1540 light table orders for add-on to the current procurement contract. He would provide this to the Contracting Officer, NPIC.

c. [REDACTED] reported on the status of the EXRAND trip to [REDACTED] and ACIC, St. Louis, Missouri, and requested that members notify him within the next few days of those members and observers intending to make the visit. The visit to ACIC would include such agenda items as photogrammetric gear and products, plotter, mission and products in targeting and charting, demonstration of the Sentinel-Simplex, field support for data base; equipment and systems, etc.

d. An additional trip during the year was discussed for October 26 and 27 to Shaw AFB, Sumter, South Carolina, to visit the Reconnaissance Center. It was determined not to visit [REDACTED] but to receive an extensive briefing from them at the 21 October EXRAND meeting. [REDACTED] will arrange for this.

e. The subcommittee discussed the characteristics of the SAC PACER system and its value (very favorable). Navy's comments will be duplicated and passed to members.

f. [REDACTED] passed out a list of items to be considered and expanded upon by members to form the basis for a future report on the benefits derived from joint procurement activities involving EXRAND. This paper, when returned to [REDACTED] will be used during the meeting of the Procurement Coordinating Team in September.

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h. The publication of the third annual EXRAND report of the Consolidated R&D Project List in October 1970 will include a more detailed, up-to-date list of color exploitation equipment development projects.

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j. [] will arrange for a special briefing for the 16 September EXRAND meeting; SUBJECT: The Digital Image Restoration Project, NPIC.

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k. The final distribution list corrections and additions for the NPIC Equipment Summary were given to []

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Executive Secretary, EXRAND

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